

SMPS TECHNOLOGY PLAN 2011-12

Pre - K

Introduced to and has basic awareness of technology vocabulary (computer, mouse, screen, keyboard, printer, internet) through teacher demonstration and discussions

Kindergarteners will be exposed to iPads through 8th grade buddy projects throughout year

1st Grade

Introduced to logging in with assigned, simple, numeric usernames and passwords

Introduced to basic hardware (computer, mouse, screen, keyboard, printer, headphones, SmartBoard)

Introduced to basic applications, such as Sight Words and Pixie2

Introduced to Pixie2 for Rattlebone Rock project. Students each create a page with an image and their recorded voices to be included in an online book.

Introduced to additional technology vocabulary (open, quit, application/program, line tools, eraser, shape tools, paintbrushes, etc.)

Introduced to opening and quitting applications/program

Introduced to and has as an awareness of letters on keyboard

Able, with adult assistance, to research pictures online for Animal Report using school subscription sites (World Book Kids Online)

Has awareness of Library Online Catalog by modeled example

Able to open Teaching Books by clicking appropriate icon and browse book readings, select books and listen to book readings with teacher assistance

Introduced to United Streaming movies and YouTube movies about animals, people, places, and things through teacher demonstration

With parent assistance, students can access teacher-created website for assignment sheets, newsletters, how-to podcasts and videos

Introduced to teacher-created Keynote presentations on classroom themes and activities

2nd Grade

Further develops all skills previously learned

Understands lab rules (hands off keyboard/mouse when teacher talking, no adjusting or spinning seats, leave lab as you found it, how to use flags for help, respect privacy of other students, etc.) Understands Technology Use Agreement.

Able to log in and log out properly; open programs without assistance; change font/color/size/style/alignment of text; name and save files; locating and opening saved documents.

Introduced to additional technology vocabulary (folders, saving, internet related vocabulary: browsers (Safari/Firefox), bookmarks, search, navigate, link, url, document, text, highlight, edit, font, font size, style)

Able to use Beautiful Doreena for Math arrays and other digital artwork

Able to use Pixie to illustrate a book.

Introduced to Pages

Introduced to entering, highlighting, editing simple text, adding and modifying shapes through Shape Book Projects

Students view United Streaming movies and YouTube Movies about ocean, ants, countries, and rainforests through teacher demonstration

Students view bus rules and regulations for field trips on teacher-created Keynote presentation

Introduced to Google Earth for lesson on China.

Able to create word-processed document (Pages) containing student's name and title for Title Pages (Country and Rainforest Projects)

Able, with adult assistance, to research and print pictures online for Country and Rainforest projects using custom-made Google Doc created Search Engines.

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Introduced to subscription site (Social Studies Fact Cards)

introduced to taking self-portraits using PhotoBooth

Introduced to Comic Life for rainforest animal studies

3rd Grade

Review lab rules and expectations and Technology Use Agreement

Further develops all skills previously learned

Are able to use Pixie to create summer reading project (sentences, images, and recorded narration)

Review school website, Student Resources, and 3rd Grade Navigation page on website

Able to create, name, rename and save to organizational folders

Able to create title pages (Pages) for Human Body, Presidents, and Africa projects

Able to copy, cut and paste text and/or images from one place to another.

Able to use Spell Check in Pages

Able to customize dock.

Introduced to basic printer etiquette and options (finishing, color, duplex, number of copies, etc)

Able to use Pixie for Martin Luther King flyer

Able, with adult assistance, to research and print pictures online for Human Body, President, and Africa projects using school subscription sites

Able to launch internet browsers and use back/forward navigation arrows

Able to minimize, maximize, navigate and close windows.

Able to identify and access links on a web page

Able to search commercial databases and smps subscription services such as World Book Kids, Social Studies Fact Cards, eLibrary, and Teaching Books

Able to perform key word searches using kid-safe search engines (ex. Yahoo Kids, Education Planet, ASK for Kids, CyberSleuth Kids, KidsClick, Awesome Library)

Introduce Keynote for LA Project

Able to use Google Earth for LA Project to capture images and research facts

In Spring, learns keyboarding skills via Herzog Method

4th Grade

Review lab rules and expectations and Technology Use Agreement

Further develops all skills previously learned

Reviews keyboarding skills via Herzog Method, various online typing games/tests, and Type to Learn regularly throughout year

Able to type short, properly formatted paragraphs and assignments using Pages

Able to use internet for locating and retrieving information (Welcome to the Web)

Uses Google Earth in classroom to connect with literature through Google Lit

Able to use teacher-created webquests

Able to contribute captions to teacher-created class website using iWeb

Introduced to Animation-ish to illustrate and animate a scene from summer reading book.

Able to use iMovie to edit and add transitions, voice-over and titles to Animation-ish summer reading project.

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Able to locate bookmarked internet sites with assistance

Introduced to iMovie to create California Gold Rush video projects

Introduced to Garageband for Book Trailer Podcasts

Using modeled examples, is aware of email and email etiquette

Introduced to Sketchup to design 3-D plans of their Mission (January?)

In Library, is able to do keyword, author and subject search in online catalog

In Library, is able to place a hold on a book using the online catalog

Uses Library web page, online catalog and subscription databases

Introduced to Inspiration software to plan California Road Trip project

Able to use Keynote for California Road Trip Project

Introduced to Animoto for video of Field Trip to be shared with families

Teacher Created Wiki, students add page about California Missions

Use Pages to create Mission Trading Cards

5th Grade

Further develops all skills previously learned

Review lab rules and expectations and Technology Use Agreement

Reviews keyboarding skills briefly and an assessment is given to new students

Introduced to Cyber-Safety

Introduced to more advanced word processing skills in Pages

Reviews how to create folders, save documents, and keep digitally organized

Introduced to Geocaching, use of Google Earth, Geocaching.com use, use of a GPS device, and participates in field trip to complete Geocaching mission. Also introduced to Educaching on school campus for Science class.

Introduced to Google Docs (using Documents and Presentation formats)

Able to use Inspiration for idea mapping/webbing

In Library, is able to create and organize bookmarks and tabs on Safari and Firefox to organize research for Native American project for History

In Library, is able to use effective internet search terms and techniques for Native American projects

In Library, is able to copy text and images from internet and paste into word processing document.

Introduced to iPhoto, for editing photos for Chumash Field Trip Animoto project

Introduced to Google Docs Spreadsheet feature to display facts about Johnny Tremain

Introduced to Photoshop Elements to create masks and posters of students as presidents for Constitution Plays

6th Grade

Further develops all skills previously learned

Review lab rules and expectations and Technology Use Agreement

Reviews cyber safety and digital civility with focus on Social Networking, Digital Communications (email, instant messaging, texting, Twittering, etc.), Copyright Laws, hacking, gaming, technology obsessions, and technology growth

Able to evaluate a webpage for quality by determining its author or source

Able to identify author, title or subject when accessing online resources

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Able to use advanced search techniques (safe searches, Boolean searches, etc)

Able to use Google Docs

Able to use Comic Life for storyboarding Community Service PSA video project

Able to use video cameras to shoot videos for PSA project

Able to edit footage using iMovie for PSA project

Able to use Garageband for music composition and narration for PSA project

Able to participate in online projects to locate, contribute and gather information (Wiki)

Uses Google Earth for literary project in Library

Introduced to iWeb for web site creation and upload

7th Grade

Further develops all skills previously learned

Review lab rules and expectations and Technology Use Agreement

Introduce Lego Mindstorms (robotics and programming)

Introduce Scratch (MIT's programming application)

Able to create films using iMovie for Spanish class

Able to use ComicLife to reinforce Math concepts

Able to create a digital storytelling project about Medieval characters (using iMovie, Garageband and/or Animation-ish

Able to use GPS devices and Google Earth to educache on school campus for science class.

Elective Marketing Class: students create posters, performance programs, websites and other advertisements or documentation for Performing Arts or other school related events.

Elective Fine Arts Class: students use Wacom tablets, scanners, Adobe Illustrator, Adobe Photoshop, iMovie and video cameras for digital art projects.

Elective Documentary Film Class: students shoot and edit video using iMovie. Students will shoot and edit school performances.

8th Grade

Further develops all skills previously learned

Review lab rules and expectations and Technology Use Agreement

Introduced to iPads (many teacher selected apps will be introduced and used throughout school year....will update at later date)

Introduced to BookSmart and Blurb.com to create and publish books for Family Tree projects in History

Able to create Keynote projects to accompany Family Tree Projects which are shown at Immigrant Feast

Able to use Adobe Photoshop Elements to create their original 8th grade Yearbook page

Able to use scanners to scan photos for Family Tree project and yearbook page

Elective DEEP Program: Students will create websites using iWeb, original artwork using Adobe Illustrator, and blogs if required for their project. Students will edit video using iMovie. Students can choose to use Adobe Flash to create animations for DEEP websites. Students will learn to upload a website.

Elective STAR Program: Students will create programs for STAR presentation.

Students may choose to use Google Sketchup to design the sets for STAR's performance

Elective Fine Arts Class: students use Wacom tablets, scanners, Adobe Illustrator, Adobe Photoshop, iMovie and video cameras for digital art projects.

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Elective Documentary Film Class: Students shoot and edit video using iMovie. Students will shoot and edit school performances.
Elective Social Networking Safety Course at end of school year (one for parents, one for students)

